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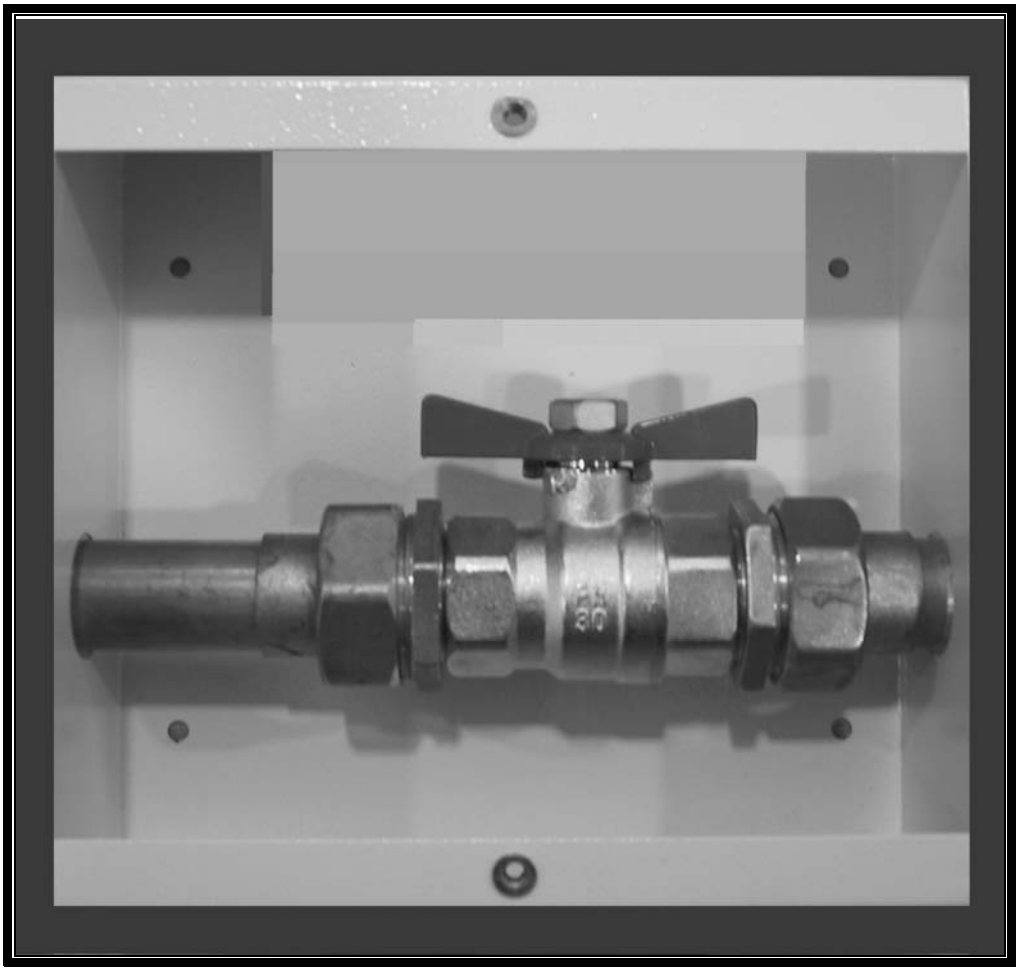
KSVN

Sectioning Valve



Operating Instructions

CE
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Sectioning Valve

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Sectioning Valve

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Sectioning Valve

1. Instructions For Safe Use

1.1. Introduction

Please note that certain work may only be carried out by staff with the appropriate qualifications:

- The sectioning valve should only be operated by trained medical staff
- The sectioning valve should be cleaned only by trained cleaning staff

Prior to the use of the sectioning valve, please read these operating instructions carefully. In this way, you will be able to take full advantage of the sectioning valve's features and protect yourself and others from damage.

The sectioning valve is only intended for use as described in these operating instructions and should only be used in this way. Use, any other than described here, could pose a danger to the product and other property of the operator.

In case of problems that cannot be adequately dealt with by these instructions for use, please contact your supplier, for your own safety.

These operating instructions refer to the sectioning valves in general.

The sectioning valves may be either semi-embedded or external mounted types, with different dimensions according to the requirements of the customer and the conditions of the site of installation.

These operating instructions should be kept, for future reference to safety instructions and important information close to sectioning valves.

- The sectioning valve may pose as a source for danger; especially if it is used by untrained or inadequately trained staff or improperly and not in accordance with its intended use.
- The technical staff should be trained, based on these instructions, on safe operation and care of the sectioning valve.
- The contents of the operating instructions may be changed at any time without notice. For translations into foreign languages, the English version of these instructions is definitive.

Versions:
The models may be equipped with other manufacturers end appliances. For information on their operation, please refer to the operating instructions of these manufacturers.

1.2. Explanation Of Symbols

The safety symbols listed below have been used in these instructions, in order to draw attention to operating faults critical to safety

WARNING!
If this is not complied with, severe or even fatal injury is possible.

CAUTION!
If this is not complied with, slight or moderate injury or material-system damage is possible.

NOTE!
Gives tips for use and useful information.

1.3. General Safety Instruction

Please also comply with the special safety instructions in the following sections.

Intended Use:

- The sectioning valve depending on the type and version, the unit is for:
    - Sectioning valves are used to isolate any necessary part of the single or double stage central medical gas system network from the system during maintenance procedures.
- Sectioning valve is suitable for continuous use.

The sectioning valve is suitable for use with oxygen, compressed air, nitrous oxide, carbon dioxide and nitrous gases. Not be used for other gases.

Operating Conditions:

- Ambient temperature: -5 / +50°C
- Relative humidity: 30-75 %
- Atmospheric pressure: 700-1060hPa
- The unit is not suitable for operation in areas under the danger of any explosions.

Transport and Storage:

- Following that period, the values of operating conditions apply. Store only in closed or roofed rooms. Do not subject the unit to severe vibration.
- Ambient temperature: -5 / +50°C
- Relative Humidity: 30-75 %
- Atmospheric pressure: 700-1060hPa

Acceptance:
The installer and / or customer, should make the medical gas system installations according to EN 737-3 standard, and test according to the same standard.

Operation:

The sectioning valves must not be used for pressure regulation.

Disposal:

Legal specifications may contain special regulations for the disposal of this product. To avoid damage to the environment and to people, please contact us when you finally take the product out of service with the intention of disposing of it.

2. Types

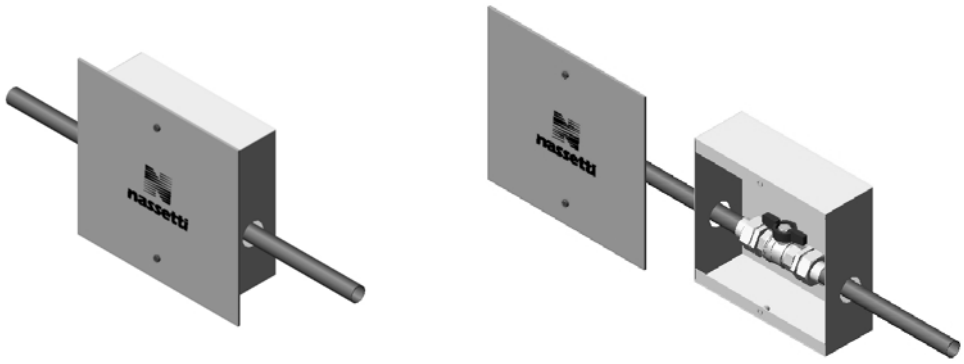
Sectioning valves are manufactured as single with ball valves between 3/8” and 2”, and as groups of four and five 3/8” ball valves.

The sectioning valves, depending on request, may be surface or flush-mounting and are installed in an electrostatic powder coated (RAL 9016) 1,0 mm thick DKP steel case panel. The panel is equipped with a screwed cover in order to permit only the interventions by the technical staff. The cover is breakable to intervene at the ball valves in emergency.

At the input and output of the ball valves, there are easy dismounting couplings with threaded connection at the valve side and a welding connection at the installation side to be welded to pipe network.

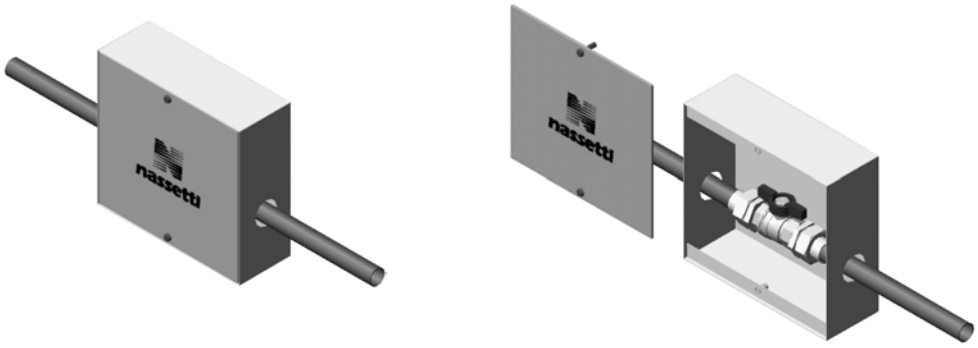
2.1. Flush Mounted Type

Fig 1:



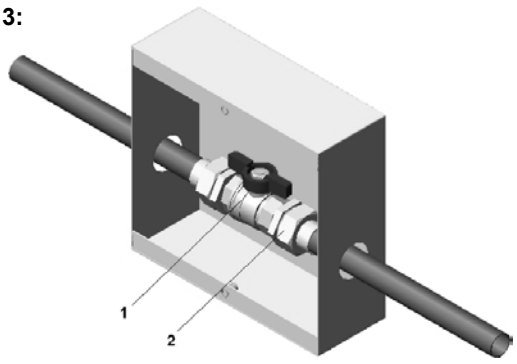
2.2. Surface Mounted Type

Fig 2:



3. Components

Fig 3:



1-Ball valve
2-Coupling

4. Operating The Unit

Before performing service-repair on any material, department medical authorized staff should be acknowledged.

5. Cleaning and Disinfection

To avoid any damage to the sectioning valves, do not use any scouring agent, or any cleaning agent, which has alkaline, acidic or contains alcohol (e. g. ethanol, propanol, etc.) or aldehyde. Neutral soap is recommended for cleaning.

For cleaning, use a soft, lint-free cloth

6. Tests and Servicing

The unit or its components should not be contacted to oil; fire or explosion danger can be occurred. Only original spare parts should be used in services. No identification label should be removed.

The sectioning valve's safety, liability and performance can be protected as Nassetti original parts or parts determined as suitable by Nassetti used in service, repair and renovation activities or as accessories.

Gas Tests:

The gas connections must be checked once a year:

- Connections and marking as described in EN 737-3,

Nassetti shall not be liable for damages and injuries occurring as a result of inspections, repairs, alterations or any work carried out by unauthorized service personnel.

7. Technical Data

Sectioning Valve Structural Features	
Chrome covered brass body	
Oil free to be suitable to oxygen	
With copper connection according to the diameter of the valve	
Gas Types: Oxygen, Compressed Air, Nitrous Oxide, Nitrogen, Carbon Dioxide	
Zone Control Unit Performance, Function and Flow Characteristics	
Max. Pressure Proof	16bar
Classification As In EC Guidelines Medical Products Of 14th June 1993: 93/42/EEC, Annex II	
Sectioning valve is not intended for use in regions endangered by explosion	
Sectioning valve is designed for continuous operation	
Council Guidelines: Class IIb	
Basic Regulations	
EN 737-3:1998	
EN ISO 11197:2004	

8. Spare Parts List

Code	Equipment
MGS.D0089	KSVN Cover-1 Gas, Flush, 1 1/4"-2", T1
MGS.D0090	KSVN Cover-1 Gas, Flush, 3/8"-1", T1
MGS.D0091	KSVN Cover-1 Gas, Surface, 1 1/4"-2", T1
MGS.D0092	KSVN Cover-1 Gas, Surface, 3/8"-1", T1
MGS.D0093	KSVN Cover-1 Gas, Surface, 3/8"-1", T2
MGS.D0094	KSVN Cover-4 Gas, Flush, T1
MGS.D0095	KSVN Cover-4 Gas, Surface, T1
MGS.D0096	KSVN Cover-5 Gas, Flush, T1
MGS.D0097	KSVN Cover-5 Gas, Surface, T1

KSVN

Sectioning Valve

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